In re Patent Application of:
**FLICK**
Serial No. **10/648,931**
Filing Date: **AUGUST 27, 2003**

**In the Claims**:

This listing of claims replaces all prior versions and listings of claims in the application.

1. (Currently amended) A pre-warn vehicle security device for a vehicle comprising a data communications bus extending throughout the vehicle, the data communications bus carrying data and address information thereover, an alert indicator, and an alarm controller interfacing with the data communications bus extending throughout the vehicle and carrying data and address information and when in an armed mode causing the alert indicator to generate an alarm indication responsive to a sensed high security threat level condition, the pre-warn vehicle security device comprising:

a pre-warn vehicle security sensor for sensing a security threat level condition lower than the sensed high security threat level condition; and

a pre-warn emulator for generating at least one signal on the vehicle data communications bus extending throughout the vehicle and carrying data and address information responsive to said pre-warn vehicle security sensor so that the alarm controller causes the alert indicator to generate an emulated pre-warn indication different from the alarm indication;

said pre-warn emulator, responsive to said pre-warn vehicle security sensor sensing the low security threat level condition, sequentially generating, on the data communications bus extending throughout the vehicle and carrying data and address information, a high security threat level signal

corresponding to the sensed high security threat level condition and a duration shortening signal for the alert indicator for generating a shortened alarm indication.

2. (Canceled).

3. (Currently amended) The pre-warn vehicle security device of Claim 1 ~~Claim 2~~ wherein said pre-warn emulator sequentially generates the high security threat level signal and the duration shortening ~~disarmed mode~~ signal less than about five seconds apart.

4. (Previously presented) The pre-warn vehicle security device of Claim 1 wherein said pre-warn emulator, responsive to said pre-warn vehicle security sensor, generates a plurality of armed mode signals on the data communications bus extending throughout the vehicle and carrying data and address information.

5. (Original) The pre-warn vehicle security device of Claim 1 wherein the pre-warn indication has a shorter duration than the alarm indication.

6. (Original) The pre-warn vehicle security device of Claim 1 wherein the pre-warn indication is audible and has a lesser volume than the alarm indication.

7. (Original) The pre-warn vehicle security device of Claim 1 wherein said pre-warn vehicle security sensor also

senses the high security threat level for causing the alarm indicator to generate the alarm indication.

8. (Original) The pre-warn vehicle security device of Claim 1 further comprising a housing carrying said pre-warn vehicle security sensor and said pre-warn emulator.

9. (Previously presented) The pre-warn vehicle security device of Claim 1 further comprising a signal enabler for enabling said pre-warn emulator to operate using a desired set of signals for communicating with the alarm controller via the data communications bus extending throughout the vehicle and carrying data and address information from a plurality of sets of signals for different alarm controllers.

10. (Original) The pre-warn vehicle security device of Claim 1 wherein said pre-warn vehicle security sensor comprises at least one of a motion sensor and a shock sensor.

11. (Original) A pre-warn vehicle security device for a vehicle comprising a data communications bus, an alert indicator, and an alarm controller interfacing with the data communications bus and when in an armed mode causing the alert indicator to generate an alarm indication responsive to a high security threat level, the pre-warn vehicle security device comprising:

a pre-warn vehicle security sensor for sensing the high security threat level, and for sensing a low security threat level lower than the high security threat level; and

a pre-warn emulator for generating a high security threat level signal on the data communications bus responsive to the sensed high security threat level, and for sequentially generating the high security threat level signal and a disarmed mode signal on the data communications bus responsive to the sensed low security threat level so that the alarm controller causes the alert indicator to generate an emulated pre-warn indication different from the alarm indication.

12. (Original) The pre-warn vehicle security device of Claim 11 wherein said pre-warn emulator sequentially generates the high security threat level signal and the disarmed mode signal less than about five seconds apart.

13. (Original) The pre-warn vehicle security device of Claim 11 wherein the pre-warn indication has a shorter duration than the alarm indication.

14. (Original) The pre-warn vehicle security device of Claim 11 further comprising a housing carrying said pre-warn vehicle security sensor and said pre-warn emulator.

15. (Original) The pre-warn vehicle security device of Claim 11 further comprising a signal enabler for enabling said pre-warn emulator to operate using a desired set of signals for communicating with the alarm controller via the data communications bus from a plurality of sets of signals for different alarm controllers.

16. (Original) The pre-warn vehicle security device of Claim 11 wherein said pre-warn vehicle security sensor comprises at least one of a motion sensor and a shock sensor.

Claims 17-22 (Canceled).

23. (Currently amended) A method for upgrading a vehicle security system in a vehicle comprising a data communications bus extending throughout the vehicle, the data communications bus carrying data and address information thereover, the vehicle security system comprising an alert indicator and an alarm controller interfacing with the data communications bus extending throughout the vehicle and carrying data and address information and when in an armed mode causing the alert indicator to generate an alarm indication responsive to a sensed high security threat level condition, the method comprising:

installing a pre-warn vehicle security sensor in the vehicle for sensing a threat level condition lower than the sensed high security threat level condition; and

interfacing a pre-warn emulator with the vehicle data communications bus extending throughout the vehicle and carrying data and address information which, responsive to the pre-warn vehicle security sensor, generates at least one signal on the data communications bus extending throughout the vehicle and carrying data and address information so that the alarm controller causes the alert indicator to generate an emulated pre-warn indication different from the alarm indication, the pre-warn emulator, responsive to the pre-warn

vehicle security sensor, sequentially generating, on the data communications bus extending throughout the vehicle and carrying data and address information, a high security threat level signal corresponding to the sensed high security threat level condition and a duration shortening signal for the alert indicator for generating a shortened alarm indication.

24. (Currently amended) The method of Claim 23 wherein the duration shortening signal comprises a disarmed mode signal. ~~the pre-warn emulator, responsive to the pre-warn vehicle security sensor, sequentially generates a high security threat level signal and a disarmed mode signal on the data communications bus extending throughout the vehicle and carrying data and address information.~~

25. (Original) The method of Claim 24 wherein the pre-warn emulator sequentially generates the high security threat level signal and the disarmed mode signal less than about five seconds apart.

26. (Previously presented) The method of Claim 23 wherein the pre-warn emulator, responsive to the pre-warn vehicle security sensor, generates a plurality of armed mode signals on the data communications bus extending throughout the vehicle and carrying data and address information.

27. (Original) The method of Claim 23 wherein the pre-warn indication has a shorter duration than the alarm indication.

28. (Original) The method of Claim 23 wherein the pre-warn indication is audible and has a lesser volume than the alarm indication.

29. (Original) The method of Claim 23 wherein the pre-warn vehicle security sensor also senses the high security threat level for causing the alarm indicator to generate the alarm indication.

30. (Original) The method of Claim 23 wherein the pre-warn vehicle security sensor further comprises a housing carrying the pre-warn vehicle security sensor and the pre-warn emulator.

31. (Previously presented) The method of Claim 23 wherein the pre-warn vehicle security sensor further comprises a signal enabler for enabling the pre-warn emulator to operate using a desired set of signals for communicating with the alarm controller via the data communications bus extending throughout the vehicle and carrying data and address information from a plurality of sets of signals for different alarm controllers.

32. (Original) The method of Claim 23 wherein the pre-warn vehicle security sensor comprises at least one of a motion sensor and a shock sensor.